

SEQUENCE LISTING

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BINK, Robert Jozef

<120> Asb transcription repressor proteins and nucleic acids
and their application in expansion of stem cells

<130> 28902.00016

<140> (to be assigned)

<141> 2005-05-25

<150> PCT/NL2003/000831

<151> 2003-11-25

<150> NL 02079903.74

<151> 2002-11-25

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 293

<212> PRT

<213> Danio rerio

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Arg Leu Leu Pro Leu Arg Arg Leu Leu Ser Gln Gly Tyr Asn Val Gly
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Met Ala Thr Leu Asp Gly Ile Thr Ala Leu His Glu Ala Cys Val Gly
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Gly His Phe Thr Cys Ala Lys Leu Leu Leu Glu His Gly Ala Asp Ala
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Asn Ala Val Thr Phe Asp Gly Ala Thr Pro Leu Phe Ser Ala Cys Cys
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Ser Gly Asn Pro Ala Leu Val Ser Leu Ile Leu Thr His Ser Ser Ala
115 120 125

His His Pro Ala His Leu Leu Cys Ser Pro Leu His Glu Ala Ala Lys
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Arg Gly His Thr Ala Cys Val Glu Leu Leu Ser His Gly Val Asn
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Val Asp Met Glu Leu Pro Ser Val Gly Thr Ala Leu Tyr Cys Ala Cys
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Glu Val Lys Ser Thr Asp Cys Val Leu Thr Leu Leu Ile Leu Gly Ala
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Asp Val Gln Cys Gly Arg Gly Leu Asp Thr Pro Leu His Ala Ala Cys
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Arg Val Gly Gly Ala Lys Glu Ala Glu Leu Leu Leu Glu His Gly Ala
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Asp Arg Thr Ser Arg Asn Ser Glu Gly Lys Thr Pro Leu Asp Leu Thr
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Ser Asp Gln Ser Ile Lys His Leu Leu Gln Thr Ala Gly Thr Cys Ser
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Leu Ser Gln Leu Cys Arg Trp Cys Ile Arg Arg Ser Leu Gly Gln Lys
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Asn Ala Val Thr Leu Asp His Val Thr Pro Leu His Glu Ala Cys Leu
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Gly Asp His Val Ala Cys Ala Arg Thr Leu Leu Glu Ala Gly Ala Asn
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Val Asn Ala Ile Thr Ile Asp Gly Val Thr Pro Leu Phe Asn Ala Cys
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Ser Gln Gly Ser Pro Ser Cys Ala Glu Leu Leu Leu Glu Tyr Gly Ala
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Lys Ala Gln Leu Glu Ser Cys Leu Pro Ser Pro Thr His Glu Ala Ala
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Ser Lys Gly His His Glu Cys Leu Asp Ile Leu Ile Ser Trp Gly Ile
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Asp Val Asp Gln Glu Ile Pro His Leu Gly Thr Pro Leu Tyr Val Ala
195 200 205

Cys Met Ser Gln Gln Phe His Cys Ile Trp Lys Leu Leu Tyr Ala Gly
210 215 220

Ala Asp Val Gln Lys Gly Lys Tyr Trp Asp Thr Pro Leu His Ala Ala
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Ala Gln Gln Ser Ser Thr Glu Ile Val Asn Leu Leu Leu Glu Phe Gly
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Ala Asp Ile Asn Ala Lys Asn Thr Glu Leu Leu Arg Pro Ile Asp Val
260 265 270

Ala Thr Ser Ser Ser Met Val Glu Arg Ile Leu Leu Gln His Glu Ala
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Thr Pro Ser Ser Leu Tyr Gln Leu Cys Arg Leu Cys Ile Arg Ser Tyr
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